

PEER-REVIEW REPORT

Name of journal: *World Journal of Methodology*

Manuscript NO: 63232

Title: Molecular and serology methods in the diagnosis of COVID-19: An overview

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02861117

Position: Peer Reviewer

Academic degree: PhD

Professional title: Academic Research

Reviewer's Country/Territory: India

Author's Country/Territory: Brazil

Manuscript submission date: 2021-01-26

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-06-19 09:28

Reviewer performed review: 2021-06-28 04:31

Review time: 8 Days and 19 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Authors in this manuscript, "Molecular and serology methods in the diagnosis of COVID-19: An overview" have discussed the techniques such as serology with detection of IgM and IgG antibodies, imaging and laboratory tests also assist in the diagnosis of SARS-CoV-2 infection. the manuscript is interesting, however, with other good coverage of biochemical lab parameters it looks weak in isolation. though the title is all about mol and serology tech. Major points 1. Author need to expand the lab findings with emphasis on effect of anti-inflammatory drugs/food supplements/mineral supplemenets on covid 19 and its effect on lab. parameters. Seminal articles like PMID: 33127568, PMID: 32286245, PMID: 32868115, PMCID: PMC8200255 can be quoted. Minor points 1. Numerous grammatical mistakes throughout the manuscript, which need to be corrected